

Abstract

A corrosion-resistant threaded connection including a first tubular member having an outer metal tube of corrosion-prone material and an inner metal lining of corrosion-resistant material, the first tubular member forming a first pin connection having a nose portion comprising a ring of corrosion-resistant material secured, e.g., welded, to the tube of corrosion-prone material, a radially outwardly facing, annularly extending thread-free first pin shoulder being formed on the corrosion-resistant ring, the first member including an externally threaded portion providing male threads, and a second tubular member comprising a metal coupling having a first end and a second end and forming a first box connection and a second box connection, respectively, the coupling including an internally disposed annularly extending metal section of corrosion-resistant material disposed intermediate the ends of the coupling, each of the box connections comprising a radially inwardly facing, annularly extending box shoulder formed on the section of corrosion-resistant material, each of the box connections further including a threaded female portion having threads complementary to the male threads, the pin and box shoulders being sized and configured such that when respective ones of the first pin connections are threadedly received in the first and second box connections, the pin and box shoulders are in metal-to-metal sealing engagement.